NextGen City Pairs - South Central Florida

When a traveler starts to plan a trip or when an airline operator starts to plan air service, they will look at the points of origin and destination for flights. These points of origin and destination are thought of in terms of pairs of cities or pairs of metroplexes. In measuring city-pair performance, the NPS website looks at flights that either originate or conclude at a specific metroplex, such as the New York/Philadelphia metroplex to Southern California. For each city pair, an origin airport (for example, Newark Liberty International, EWR) and a destination airport (for example, Los Angeles International, LAX) are listed. The city pairs are unidirectional (only measuring EWR to LAX in the example above) and the NPS website reports them as recommended by the NextGen Advisory Committee (NAC).

All results are reported by Fiscal Year (FY), October 1 — September 30.

Flights can depart outside of the reportable hours, but must arrive during the reportable hours at the destination airport. For a list of the reportable hours for each airport, please see the Reference Guide.

Average Airborne Time (FY)

This metric is measured as Minutes

During reportable hours at the destination airport, the average Airborne Time for flights between the selected city pair. The reportable hours vary by airport and the results are reported by fiscal year. Additional reportable hour information can be found in the airport information section of the Reference Guide.

Origin	Destination	2009	2010	2011	2012	2013	2014
ATL	FLL	85.4	85.6	85.0	85.6	86.1	86.2
ATL	MIA	85.4	85.8	85.2	86.3	86.6	87.0
EWR	FLL	149.9	149.8	150.5	150.9	152.6	152.8
EWR	MCO	133.8	133.8	134.1	134.1	134.5	135.8
EWR	MIA	152.0	151.7	151.3	151.9	152.7	153.5
FLL	JFK	143.1	141.9	142.4	140.6	141.0	140.3
FLL	LGA	148.0	144.7	145.8	144.5	144.8	143.9
JFK	MCO	135.4	134.2	134.4	133.7	135.1	136.5
JFK	MIA	153.7	152.3	151.6	151.9	152.0	152.9
LGA	MCO	135.8	134.6	133.3	134.0	134.8	135.9
LGA	MIA	153.4	152.0	150.7	152.2	154.1	156.4

Effective Gate-to-Gate Time (FY)

This metric is measured as Average Minutes per Flight

During reportable hours at the destination airport, the difference between the Actual Gate-In Time at the destination airport and the Scheduled Gate-Out Time at the origin airport. Flights may depart outside reportable hours, but must arrive during them. The reportable hours vary by airport and the

results are reported by FY.

Origin	Destination	2009	2010	2011	2012	2013	2014
ATL	FLL	120.7	121.5	117.3	113.3	117.3	117.3
ATL	MIA	122.3	123.9	120.2	119.0	121.7	120.0
EWR	FLL	192.8	185.5	188.8	187.6	190.5	193.7
EWR	MCO	179.9	171.7	173.8	172.9	171.8	173.8
EWR	MIA	195.7	187.2	186.9	189.5	190.0	192.4
FLL	JFK	189.1	185.4	186.0	177.5	181.7	184.1
FLL	LGA	192.3	182.5	185.6	183.3	185.9	183.3
JFK	MCO	181.2	181.4	180.2	175.0	177.1	180.4
JFK	MIA	206.6	201.9	197.6	191.5	198.3	196.1
LGA	MCO	175.8	175.7	179.0	176.9	181.7	179.1
LGA	MIA	198.3	194.2	194.5	193.5	197.1	196.8

Airborne Distance (FY)

This metric is measured as Nautical Miles

During reportable hours at the destination airport, the average airborne distance of flights between the selected city pair. The reportable hours vary by airport and the results are reported by fiscal year. Additional reportable hour information can be found in the airport information section of the Reference Guide.

Origin	Destination	2009	2010	2011	2012	2013	2014
ATL	FLL	1	1	563.9	563.5	567.5	566.9
ATL	MIA	1	1	574.0	575.0	577.5	578.0
EWR	FLL	1	1	987.6	986.2	992.3	989.1
EWR	MCO	1	1	876.2	873.5	873.2	872.8
EWR	MIA	1	1	1001.0	1003.6	1011.8	1007.5
FLL	JFK	1	1	992.1	986.3	992.0	990.1
FLL	LGA	1	1	1006.7	1003.6	1006.5	1005.7
JFK	MCO	1	1	879.7	874.0	878.8	880.3
JFK	MIA	1	1	1014.8	1008.4	1011.6	1013.5
LGA	MCO	1	1	873.3	877.9	878.6	878.3
LGA	MIA	1	1	1007.2	1015.8	1019.2	1021.6

[1] **No data available.**

Efficiency:

As described by ICAO, *efficiency addresses the operational and economic cost-effectiveness of gate-to-gate flight operations from a single-flight perspective. In all phases of flight, airspace users want to depart and arrive at the times they select and fly the trajectory they determine to be optimum.*

Airborne Time Predictability (FY)

This metric is measured as Minutes

During reportable hours at the destination airport, the difference between the 85th and 15th percentiles of Airborne Time for flights between the selected city pair. The reportable hours vary by airport and the results are reported by FY. Additional reportable hour information can be found in the airport information section of the Reference Guide.

Origin	Destination	2009	2010	2011	2012	2013	2014
ATL	FLL	8	9	9	9	10	10
ATL	MIA	8	9	8	9	11	11
EWR	FLL	20	21	22	21	24	24
EWR	MCO	18	20	20	19	21	22
EWR	MIA	20	21	21	21	22	22
FLL	JFK	21	19	18	17	17	17
FLL	LGA	21	16	17	16	17	16
JFK	MCO	19	20	21	19	21	23
JFK	MIA	23	22	21	21	21	22
LGA	MCO	18	21	19	19	21	22
LGA	MIA	19	22	20	20	22	22

Effective Gate-to-Gate Time Predictability (FY)

This metric is measured as Minutes

During reportable hours, the difference between the 85th and 15th percentiles of the Effective Gate-to-Gate Time metric. The reportable hours vary by airport and the results are reported by FY. Additional percentile and reportable hour information can be found in the Reference Guide.

Origin	Destination	2009	2010	2011	2012	2013	2014
ATL	FLL	38	36	32	27	34	36
ATL	MIA	39	38	34	31	34	33
EWR	FLL	55	48	48	46	52	59

EWR	MCO	56	47	45	46	45	49
EWR	MIA	53	44	45	47	50	51
FLL	JFK	67	64	59	42	53	57
FLL	LGA	65	48	52	50	58	54
JFK	MCO	48	55	52	43	49	52
JFK	MIA	66	60	54	43	51	53
LGA	MCO	50	49	54	51	55	54
LGA	MIA	54	54	55	49	51	51

Predictability:
As described by ICAO: *Predictability refers to the ability of airspace users and ATM service providers to provide consistent and dependable levels of performance.*

Core Airports within South Central Florida Metroplex

FLL
Fort Lauderdale-Hollywood International Airport

MCO
Orlando International Airport

MIA
Miami International Airport

TPA
Tampa International Airport